



TINAMU Inventory Risk Reduction

Single source of truth of physical inventory · cutting ops, contractual, logistics and financial cost, risk & fraud · reducing inventory uncertainty from +/- 10% to +/- 1%

Trust Through Technology + AI

THE PROBLEM

Inventory uncertainty creates risk across the entire business

- ▶ **Operational**; planning and production run on stale, disputed stock
- ▶ **Contractual**; disputes over delivered vs. recorded volumes
- ▶ **Logistics**; last-minute trucks / ships organization and costly re-routing
- ▶ **Financing**; weak evidence for collateral and inventory financing
- ▶ **Fraud**; undetected losses in manual stop-and-count checks

TINAMU SOLUTION

TINAMU turns physical inventory into a trusted single source of truth

- ▶ Reduced inventory uncertainty across multiple sites & materials
- ▶ Stronger internal controls & governance
- ▶ Independent, traceable evidence for audits, funding and insurers
- ▶ Trusted baseline with >99% precise; fully digital & fraud-free
- ▶ Improved planning accuracy and decision confidence

WHY TINAMU · precise, digital & trusted inventory data in real time

01 · RISK & DISPUTES

10–25%

manual error & need for internal discussions



Uncertainty & risks

Trusted data as single source of truth

02 · PRECISION & ASSURANCE

> 99%

measurement precision fully digital & traceable



Audit-ready confidence

Secured precision & independence

03 · EFFICIENT & FRAUD-FREE

100%

Real-time insight with no stops and manual count



Fraud & manual effort / cost

No manipulation secured by technology

HOW THE RISK ASSESSMENT WORKS · data as a service · no GPS, no local installation, no operational stops



CAPTURE

Scan stockpiles, silos, trucks, trains and vessels; indoor & outdoor

0 operational stops



ANALYZE

Physical-AI reconciles volumes against your book stock

>99% precise



REPORT

Precise inventory monitoring & variance analysis; audit-ready

into your ERP / MES / BI

Assess your risk and book a paid inspection TODAY

Receive precise inventory view with a full risk exposure report

Request assessment

PROOF POINTS · trusted data through technology and physical AI, active on 5 continents

Aurubis · Nyrstar · Bureau Veritas · Cotecna · Kibag and many more leading traditional industry leaders

